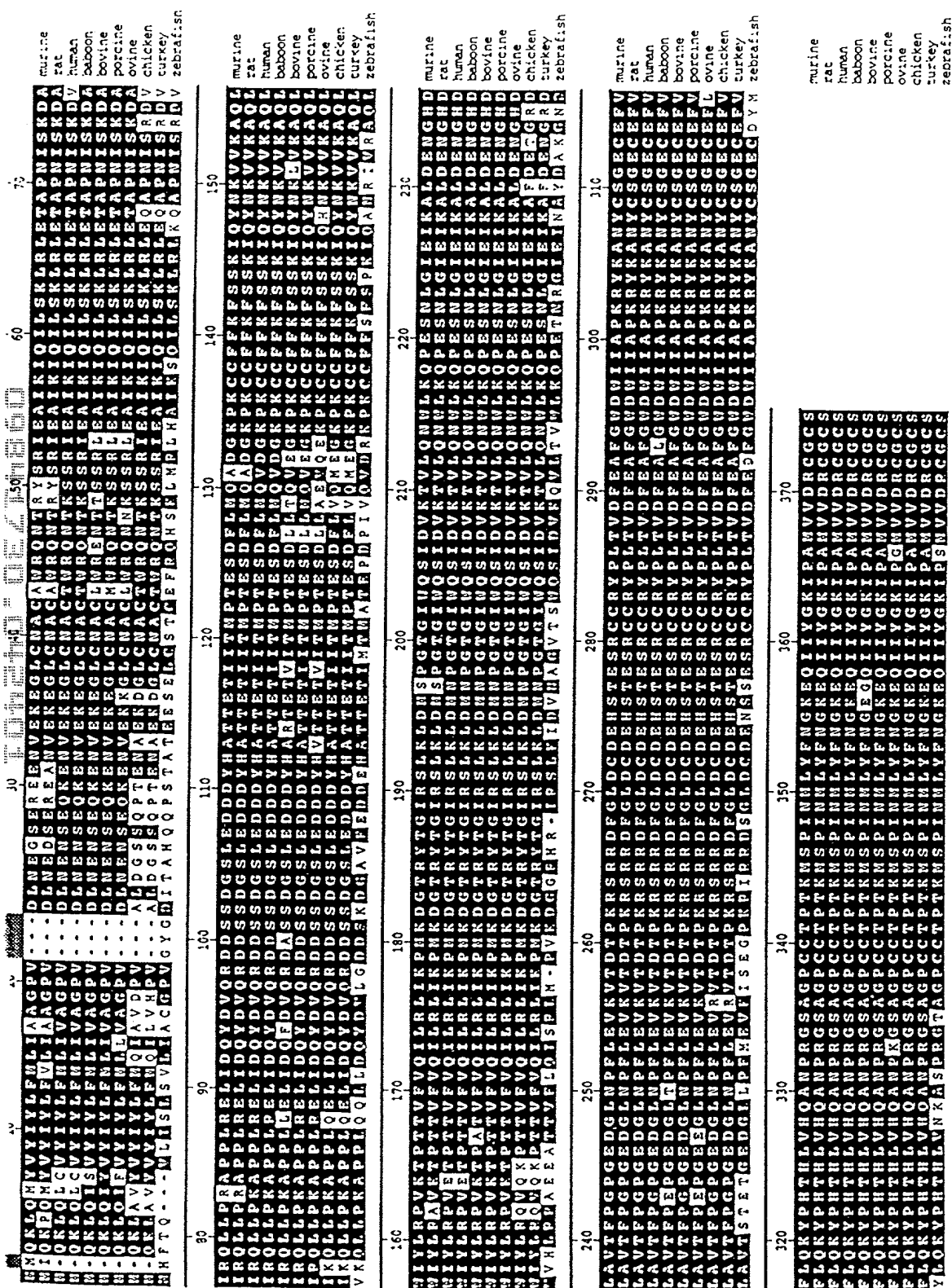


FIGURE 1



	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100																																																																																																			
1.000000	0.999999	0.999998	0.999997	0.999996	0.999995	0.999994	0.999993	0.999992	0.999991	0.999990	0.999989	0.999988	0.999987	0.999986	0.999985	0.999984	0.999983	0.999982	0.999981	0.999980	0.999979	0.999978	0.999977	0.999976	0.999975	0.999974	0.999973	0.999972	0.999971	0.999970	0.999969	0.999968	0.999967	0.999966	0.999965	0.999964	0.999963	0.999962	0.999961	0.999960	0.999959	0.999958	0.999957	0.999956	0.999955	0.999954	0.999953	0.999952	0.999951	0.999950	0.999949	0.999948	0.999947	0.999946	0.999945	0.999944	0.999943	0.999942	0.999941	0.999940	0.999939	0.999938	0.999937	0.999936	0.999935	0.999934	0.999933	0.999932	0.999931	0.999930	0.999929	0.999928	0.999927	0.999926	0.999925	0.999924	0.999923	0.999922	0.999921	0.999920	0.999919	0.999918	0.999917	0.999916	0.999915	0.999914	0.999913	0.999912	0.999911	0.999910	0.999909	0.999908	0.999907	0.999906	0.999905	0.999904	0.999903	0.999902	0.999901	0.999900	0.999899	0.999898	0.999897	0.999896	0.999895	0.999894	0.999893	0.999892	0.999891	0.999890	0.999889	0.999888	0.999887	0.999886	0.999885	0.999884	0.999883	0.999882	0.999881	0.999880	0.999879	0.999878	0.999877	0.999876	0.999875	0.999874	0.999873	0.999872	0.999871	0.999870	0.999869	0.999868	0.999867	0.999866	0.999865	0.999864	0.999863	0.999862	0.999861	0.999860	0.999859	0.999858	0.999857	0.999856	0.999855	0.999854	0.999853	0.999852	0.999851	0.999850	0.999849	0.999848	0.999847	0.999846	0.999845	0.999844	0.999843	0.999842	0.999841	0.999840	0.999839	0.999838	0.999837	0.999836	0.999835	0.999834	0.999833	0.999832	0.999831	0.999830	0.999829	0.999828	0.999827	0.999826	0.999825	0.999824	0.999823	0.999822	0.999821	0.999820	0.999819	0.999818	0.999817	0.999816	0.999815	0.999814	0.999813	0.999812	0.999811	0.999810	0.999809	0.999808	0.999807	0.999806	0.999805	0.999804	0.999803	0.999802	0.999801	0.999800	0.999799	0.999798	0.999797	0.999796	0.999795	0.999794	0.999793	0.999792	0.999791	0.999790

	10	20	30	
	M M Q K L Q M Y V Y I I Y L F M L I A A G P V D L N E G S E R			murine
	M H F T Q - - - V L I I S L S V L I A C G P V G Y G D I T A H			zebrafish
	- -			salmon1
	- -			salmon2
	40	50	60	
31	E E - - - N V E K E G L C N A C A W R Q N T R Y S R I E A T			murine
28	Q Q P S T A T E E S E L C S T C E F R Q H S K L M R L H A T			zebrafish
1	- -			salmon1
1	- -			salmon2
	70	80	90	
58	K I O I L S K L R L E T A P N I S K D A I R O L L P R A P P			murine
58	K S O I L S K L R L K Q A P N I S R D V V K O L L P K A P P			zebrafish
1	- -			salmon1
1	- -			salmon2
	100	110	120	
88	L R E L I D O Y D V Q R D D S S D G S L E D D D Y H A T T E			murine
88	L Q Q L L D O Y D V L G D D S K D G A V E E D D E H A T T E			zebrafish
1	- -			salmon1
1	- -			salmon2
	130	140	150	
118	T I I T M P T E S D F L M Q A D G K P K C C F F K F S S K I			murine
118	T I M T M A T E P D P I V Q V D R K P K C C F F S F S P K I			zebrafish
1	- -			salmon1
1	- -			salmon2
	160	170	180	
148	Q Y N K V V K A Q L W I Y L R P V K T P T T V F V Q I L R L			murine
148	Q A N R I V R A Q L W V H L R P A E E A T T V F L Q I S R L			zebrafish
1	- -			salmon1
1	- -			salmon2
	190	200	210	
178	I K P M K D G T R Y T G I R S L K L D M S P G T G I W Q S T			murine
178	M - P V K D G G R H R - I R S L K I D V N A G V T S W Q S T			zebrafish
1	- -			salmon1
1	- -			salmon2
	220	230	240	
208	D V K T V L Q N W L K O P E S N L G I E I K A L D E N G H D			murine
206	D V K Q V L T V W L K O P E T N R G I E I N A Y D A K G N D			zebrafish
1	- -			salmon1
1	- -			salmon2

FIGURE 2- (CONT.)

		250	260	270	
238	LAVTFPGPGEDGLNPFLEVKVTDTPKRSRR				murine
236	LAVTSSTETGEDGLNPFMEVKISEGPKRI				zebrafish
20	LAVTSAEAGE-GLOPFMEVTHISEGPKRSRR				salmon1
1	--VTSTEAGE-GLOPFMEVKISEGPKRSRR				salmon2
		280	290	300	
268	DEGLDCDEHSTESRCCRYPLTVDFEAFGWD				murine
266	DSGLDCDENSSSESRCRCRYPLTVDFEDEF				zebrafish
49	DSGLDCDENSSPESRCCRYPLTVDFEDEF				salmon1
28	DSGLDCDENSSPESRCCRYPLTVDFEDEF				salmon2
		310	320	330	
298	WIIAPKRYKANYCSGECFVFLQKYPHTHL				murine
296	WIIAPKRYKANYCSGECIDYMYLQKYPHTHL				zebrafish
79	WIIAPKRYKANYCSGECIYMHLOKYPHTHL				salmon1
58	WIIAPKRYKANYCSGECIYMHLOKYPHTHL				salmon2
		340	350	360	
328	VHQANPRGSAGPCCTPTTKMSPINMLYFNGK				murine
326	VNKASPRGTAGPCCTPTTKMSPINMLYFNGK				zebrafish
109	VNKANPRGTAGPCCTPTTKMSPINMLYFN				salmon1
88	VNKANPRGTAGPCCTPTTKMSPINMLYFN				salmon2
		370			
358	EOIITYGKIIPAMVVDRCGCS				murine
356	EOIITYGKIIPSMVVDRCGCS				zebrafish
139	EOIITYGKIIPSMVVDRCGCS				salmon1
118	EOIITYGKIIPSMVVDRCGCS				salmon2

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